

## **The Department of the Army-Job Opportunity Announcement**

Job No.: NEGE03209758

Opening Date: June 12, 2003

Closing Date: July 11, 2003

Position Title (Pay Plan-Series): Physical Science Technician (GS-1311)

Grade: 05

Full Performance Grade: 05

Comments: We use an automated recruitment and referral system for filling our jobs. Use our resume builder to complete your resume and place it in our system for consideration under this announcement and for you to use to apply for other Army jobs. Go to the Army's Resume Builder.

This is a Permanent Position.

Required to obtain and maintain a non-critical sensitive clearance and possess Valid State Drivers License.

**PHYSICAL DEMANDS:** May be required to lift and carry objects weighing 10-30 pounds. The work requires continued walking, standing or sitting and considerable arm and hand movements to operate instrumentation, do laboratory preparation work and enter data into the laboratory database.

**WORK ENVIRONMENT:** The work involves regular and recurring exposure to moderate risks, discomforts, or unpleasantness such as irritants from chemicals and biologicals. The work is conducted in an area subject to low chlorine gas and safety precautions. Special safety precautions are required and the incumbent will be provided with protective equipment such as laboratory coat and safety glasses, face shields and fume hoods.

Number of vacancies to be filled by this announcement - One.

Salary: \$26,429 - \$34,353 per annum (includes 12.74 percent locality)

Region: Northeast

Organization:

US Army Engineer District, Baltimore  
Washington Aqueduct Division  
Plants Operations Branch/Laboratory Section

## Microbiology Unit

Duty Station: Washington, DC

### Area of Consideration:

- Army employees with competitive status; and eligible Army CIPMS employees.
- Department of Defense employees serving on a Career or Career Conditional Appointment.
- Interagency Career Transition Assistance Plan (ICTAP) eligibles: Current or former employees displaced from non-DOD agencies. Individuals seeking ICTAP eligibility must submit a copy of their Reduction in Force (RIF) separation notice (Notification Letter of SF 50) and a copy of their most recent performance rating.
- Veterans Employment Opportunities Act of 1998: Veterans who are preference eligible or who have been separated from the armed forces under honorable conditions after 3 years or more of continuous active service may apply.
- Transfer eligibles: current permanent, competitive non Army Federal employee.
- Reinstatement eligibles: Attained Career status on a permanent, competitive Federal appointment; or Career-Conditional with reinstatement eligibility, generally within 3 years of separation, exceptions 5 CFR 315.201(b)(3).

Duties: Performs a variety of duties in support of the Washington Aqueduct Laboratory. Operates a centralized system of receiving and distributing samples for analysis. Collects samples as required. Performs qualitative and quantitative chemical and microbiological analyses of water samples to determine the adequacy of chemical treatment required for safe and portable water. Prepares reagents and media. Neutralizes laboratory waste. Performs various supportive assignments such as general housekeeping, data entry and record keeping. Operates a centralized system of receiving and distributing samples for analysis. Prepares and maintains appropriate records on the samples received. Performs physical, chemical and bacteriological analysis such as, but not limited to, pH, alkalinity odor, hardness, control. Conducts Safe Drinking Water (SDWA) and National Pollutant Discharge Elimination System (NDPES) analyses to include but not limited to total coliform, silica, ammonia, solids and other assays on water and basin samples. Performs QC checks on treatment chemicals such as lime, ammonia and hydrofluorosilicic acid. Collect, decontaminate, wash, clean, sterilize, store and issue a variety of items such as laboratory glassware, instruments, beakers, petri dishes, test tubes, flasks, etc. and related material. Responsible for entering laboratory results into the database. Performs necessary instrument and method calibrations and equipment preventative

maintenance. Maintains required records for calibrations, reagents, media, and equipment. Performs various supportive assignments such as general keeping.

**Qualification Requirements:**

**Experience:** Must possess one (1) year specialized experience equivalent to at least the GS-4 level.

**Specialized Experience:** Specialized experience is experience that equipped the applicant with the particular knowledge, skills and abilities (KSAs) to perform successfully the duties of the position, and that is typically in or related to water quality or laboratory analysis and report writing. Examples of qualifying specialized experience include work in the fields of astronomy, physics, geophysics, chemistry, hydrology, health physics, engineering, electronics, geology, oceanography, and metallurgy. Experience as a laboratory mechanic or in a trade or craft may be credited as specialized experience when the work was performed in close association with physical scientists or other technical personnel and provided intensive knowledge of appropriate scientific principles, methods, techniques, and precedents.

**OR**

**Education:** Successful completion of a full 4 year course of study leading to a bachelor's degree (a) with major study in an appropriate field of physical science, or (b) that included at least 24 semester hours in any combination of courses such as physical science, engineering, or any branch of mathematics, except financial and commercial mathematics.

**EQUIVALENT COMBINATIONS OF EDUCATION AND EXPERIENCE ARE ACCEPTABLE.**

**Selective Placement Factors/Knowledge Skills and Abilities (KSAs):** KSAs not required. Applicants will be rated against the Resumix Job Search Criteria.

**Standard/Other Requirements/Instructions on How to Apply:**

1. Failure to provide all of the required information as stated in the announcement may result in an ineligible rating or may affect the overall rating.
2. This position is designated noncritical sensitive, as defined in DoD 5200.2-R, therefore, requires that a personnel security investigation be adjudicated for security eligibility on a preappointment basis. This requirement may take up to 90 days or longer to process.
3. If qualified based on education, selectee must provide official transcript.

4. Permanent change of station (PCS) funds will not be authorized.
5. Selection for this position is contingent upon proof of U.S. citizenship.
6. Direct Deposit is REQUIRED: As a condition of employment, candidates appointed, competitively promoted or reassigned are required to enroll and participate in Direct Deposit/Electronic Funds Transfer within 60 days following the effective date of that action.
7. Application/Resume deadline: Application/Resume must be received by the Closing Date of the Vacancy Announcement.
8. Male applicants born after December 31, 1959, are required to complete a Pre-Employment Certification Statement for Selective Service registration prior to appointment. Failure to comply may be grounds for withdrawal of an offer of employment, or dismissal after appointment.
9. Candidates must meet Time-in-grade requirements (if applicable).
10. BASIS OF RATING: Candidates resume will be evaluated and screened against the skills needed to perform the duties of this position as described in this vacancy announcement. Candidates will also be screened against basic qualifications requirements of the Office of Personnel Management.

**HOW TO APPLY:** This position will be filled from the Army centralized resume database using an automated recruitment and referral system. Your resume must be on file with the Army centralized resume database. If you have a resume on file with the Army centralized resume database, you may apply by taking advantage of our quick self-nomination process. If you do not have a resume on file with the Army centralized resume database, you must submit one along with the self-nomination. Both documents must be received in the resume database by the closing date of the announcement unless specifically stated in the instructions contained in this vacancy announcement.

**RESUME:** If you do not have a resume on file with the Army centralized resume database, you must submit one. It is strongly suggested that you use the Army Resume Builder. The Army Resume Builder can be found on the internet at <http://www.cpol.army.mil>, click on Employment, click on Army's Resume Builder. The Army Resume Builder is used to create and store your resume. You do this by selecting Save Resume to Database. In order to receive consideration for vacancies, you must submit your resume to the Centralized Resume database by selecting the Central and Submit buttons from the Email Existing Resume screen. Your resume will automatically flow into the Centralized Resume database. We prefer that you use our resume builder to create and submit your resume electronically. Please follow the instructions in our job application kit to create your resume and assure that all of the required information is provided. The Job Kit can also be found on the Internet at <http://cpol.army.mil/employ/jobkit>

NOTE: Unless specifically stated in the vacancy announcement, do not submit documentation supporting your status/eligibility when submitting a resume.

SELF NOMINATION: You may self-nominate at any time during an open period of a vacancy announcement. In addition to having a resume on file, it is strongly recommended that you submit your self-nomination by using the self-nomination button found at the bottom of this announcement. By completing the form and clicking the Submit button you will create and send a self-nomination directly to the Centralized Resume database. The Job Kit can also be found on the Internet at <http://cpol.army.mil/employ/jobkit>

SPECIAL PRIORITY CONSIDERATION UNDER THE INTERAGENCY CAREER TRANSITION ASSISTANCE PLAN (ICTAP): Federal employees seeking ICTAP eligibility must meet the requirements of 5 CFR 330.704 for ICTAP and must be rated well qualified. To be well qualified, applicants must meet basic qualifications and their resume must match a sufficient number of the skills identified by the selecting official. Please identify ICTAP eligible as an appointment eligibility on the supplemental data. Those claiming ICTAP eligibility will be required to submit a copy of the agency notice, a copy of their most recent Performance Rating and a copy of their most recent SF-50 noting current position, grade level, and duty location upon request.

APPLICANT NOTIFICATION SYSTEM WEB-ENABLED RESPONSE (ANSWER): To check the status of your resume and self-nominations you may go to <http://www.cpol.army.mil>, click on Employment, click on Answer.

If you would like to be considered, then you are required to submit all necessary materials applicable to this vacancy announcement.

THE DEPARTMENT OF THE ARMY IS AN EQUAL OPPORTUNITY EMPLOYER. All qualified applicants will receive appropriate consideration without regard to non-merit factors such as race, color, religion, sex, national origin, marital status except where specifically authorized by law, age, politics, disability, or sexual orientation which do not relate to successful performance of the duties of this position. Reasonable accommodation to individuals with disabilities will be provided upon request.

SELECTION FOR THIS POSITION IS SUBJECT TO RESTRICTIONS RESULTING FROM DEPARTMENT OF DEFENSE REFERRAL SYSTEM FOR DISPLACED EMPLOYEES.